National thesis repository of Morocco: opportunities and challenges toward a FAIR compliance

Ettaik Noureddine – June 7, 2021
Presentation as part of the workshop:
16th International Conference on Open Repositories - 7 June 2021
Toubkal

Etablissements de Formation des Cadres [9]
Thèses soutenues à l'étranger [1914]
Université Abdelmalek Essaïdi - Tétouan [748]
Université Cadi Ayyad - Marrakech [652]
Université Chouaib Eddoukali - El Jadida [310]
Université Hassan II [2048]
Université Hassan Premier - Settat [141]
Université Ibnou Zohr - Agadir [139]
Université Ibn Tofail - Kenitra [127]
Université Mohammed 5 de Rabat [1749]
Université Mohammed Premier - Oujda [760]
Université Moulay Ismail - Meknès [319]
Université Sidi Mohammed Ben Abdellah - Fès [1301]
Université Sultan Moulay Slimane - Beni Mellal [34]
<table>
<thead>
<tr>
<th>STATISTICS</th>
<th>Collected thesis</th>
<th>Communities</th>
<th>Visits</th>
<th>Full text thesis</th>
<th>Downloads</th>
<th>Visitors</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• +13k</td>
<td>• 12 universities</td>
<td>• +200k</td>
<td>• +1500</td>
<td>• Couple thousands</td>
<td>• +100 countries</td>
</tr>
</tbody>
</table>
Collected Thesis by university

- Beni Mellal: 43
- Agadir: 129
- Marrakesh: 598
- Settat: 453
- El Jadida: 268
- Oujda: 824
- Meknes: 381
- Tetouan: 550
- Kenitra: 127
- Casablanca: 583
- Rabat: 6675
- Fes: 2168
THESIS ECOSYSTEM

Toubkal (DSPACE)

ILS (KOHA)

Otrouhati (Dspace)

Satellite repositories (Dspace)
CHALLENGES: Publication Authorization

Choose a university charter

University charter
CHALLENGES: Publication Authorization

Publication authorization for 2020

- 77% with authorization
- 23% without authorization
CHALLENGES:

- Pilot project with a handful of universities to create a shared drive server for thesis and publication authorization.
- Merger of our Thesis platform (toubkal) and ongoing thesis (Outrouhati).
- Dspace upgrade is underway to allow for more options for FAIR principles.
Opportunities for a FAIR COMPLIANCE

<table>
<thead>
<tr>
<th>Findability</th>
<th>Accessibility</th>
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</thead>
<tbody>
<tr>
<td>• Integration of DOI as a unique identifier of the thesis</td>
<td>• We use open source software and protocols as much as possible</td>
</tr>
<tr>
<td>• Register in known open directories (OpenDOAR..)</td>
<td>• Talks are ongoing to improve the submission process electronically</td>
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<tr>
<td>• Integration of ORCID as an identifier for researchers</td>
<td>• More engagement from the universities in the process of submission</td>
</tr>
<tr>
<td>• Push for mandatory public access thesis</td>
<td></td>
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<tr>
<td>• Push for richer metadata</td>
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</tbody>
</table>
## Opportunities for a FAIR COMPLIANCE

### Interoperability
- Reference to other Metadata: Project of interoperability enhancement with ILS (Conversion between marc 21 and dublin core).

### Reusability
- Enrichment of the metadata description
- Integration project with the Outrouhati platform
- Visibility of the thesis through the library catalog
THANK YOU

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Repository Website: https://toubkal.imist.ma/